

What is claimed is:

1. A watersport tower, comprising:

a first leg including a first end providing a cross-member attachment point and a second end providing a boat attachment point;

a second leg including a first end providing a cross-member attachment point and a second end providing a boat attachment point;

a cross-member including at least two attachment points, the cross-member attachment point of the first leg being hingedly connected to a first attachment point of the cross-member, and the cross-member attachment point of the second leg being hingedly connected to a second attachment point of the cross-member, and wherein the first leg pivots about the hinged connection to the first attachment point to swing toward and away from the second leg and the second leg pivots about the hinged connection to the second attachment point to swing toward and away from the first leg;

a third leg including an end providing a boat attachment point, the third leg linked to the cross-member;

a fourth leg including an end providing a boat attachment point, the fourth leg linked to the cross-member; and

a tow constraint linked to the cross-member.

2. The watersport tower of claim 1, wherein the third leg and fourth leg each comprise an end providing a cross-member attachment point, wherein the cross-member further comprises third and fourth attachment points, wherein the cross-member attachment point of the third leg is hingedly connected to the third attachment point of the cross-member, wherein the cross-member attachment point of the fourth leg is hingedly connected to the fourth attachment point of the cross-member, and wherein the third leg pivots about the third attachment point and the fourth leg pivots about the fourth attachment point to allow the third leg to swing toward and away from the fourth leg and to allow the fourth leg to swing toward and away from the third leg.

3. The watersport tower of claim 1, wherein the third leg and fourth leg each comprise an end providing a cross-member attachment point, wherein the cross-member further comprises a central portion and third and fourth attachment points that rotate relative to the central portion, wherein the cross-member attachment point of the third leg is attached to the third attachment point of the cross-member, wherein the cross-member attachment point of the fourth leg is attached to the fourth attachment point of the cross-member, and wherein the third and fourth attachment points rotate relative to the central portion to allow the third leg to swing toward and away from the first leg and to allow the fourth leg to swing toward and away from the second leg.
4. The watersport tower of claim 1, further comprising:
 - an upper mounting base at the boat attachment point of each leg;
 - a heim joint interconnecting each mounting base to the boat attachment point of each leg;
 - a first pad abutting the upper mounting base opposite the heim joint;
 - a lower mounting base linked to the upper mounting base by a fastener; and
 - a second pad abutting the lower mounting base.
5. The watersport tower of claim 1, wherein each leg and the cross-member are aluminum.
6. The watersport tower of claim 1, wherein each leg is curved in multiple planes.

7. A watersport tower, comprising:
 - a first leg including an end providing a boat attachment point;
 - a second leg including an end providing a boat attachment point;
 - a third leg including a first end providing a cross-member attachment point and a second end providing a boat attachment point;
 - a fourth leg including a first end providing a cross-member attachment point and a second end providing a boat attachment point;
 - a cross-member linked to the first and second legs and including at least two attachment points separated by a central portion, wherein the cross-member attachment point of the third leg is attached to a first attachment point of the cross-member, wherein the cross-member attachment point of the fourth leg is attached to a second attachment point of the cross-member, and wherein the third and fourth attachment points rotate relative to the central portion to allow the third leg to swing toward and away from the first leg and to allow the fourth leg to swing toward and away from the second leg; and
 - a tow constraint linked to the cross-member.
8. The watersport tower of claim 7, wherein the cross-member attachment point of the third leg is hingedly connected to the first attachment point of the cross-member, wherein the cross-member attachment point of the fourth leg is hingedly connected to the second attachment point of the cross-member, and wherein the third leg pivots about the third attachment point and the fourth leg pivots about the fourth attachment point to allow the third leg to swing toward and away from the fourth leg and to allow the fourth leg to swing toward and away from the third leg.
9. The watersport tower of claim 7, further comprising:
 - an upper mounting base at the boat attachment point of each leg;
 - a heim joint interconnecting each mounting base to the boat attachment point of each leg;
 - a first pad abutting the upper mounting base opposite the heim joint;
 - a lower mounting base linked to the upper mounting base by a fastener; and
 - a second pad abutting the mounting base.

10. The watersport tower of claim 7, wherein each leg and the cross-member are aluminum.
11. The watersport tower of claim 7, wherein each leg is curved in multiple planes.

12. A watersport tower, comprising:

a first leg including a first end providing a cross-member attachment point and a second end providing a boat attachment point;

a second leg including a first end providing a cross-member attachment point and a second end providing a boat attachment point;

a third leg including a first end providing a cross-member attachment point and a second end providing a boat attachment point;

a fourth leg including a first end providing a cross-member attachment point and a second end providing a boat attachment point;

a cross-member including four attachment points, the cross-member attachment point of the first leg being hingedly connected to a first attachment point of the cross-member, and the cross-member attachment point of the second leg being hingedly connected to a second attachment point of the cross-member, wherein the first leg pivots about the hinged connection to the first attachment point to swing toward and away from the second leg and the second leg pivots about the hinged connection to the second attachment point to swing toward and away from the first leg, wherein the cross-member attachment point of the third leg is hingedly connected to the third attachment point of the cross-member, wherein the cross-member attachment point of the fourth leg is hingedly connected to the fourth attachment point of the cross-member, and wherein the third leg pivots about the third attachment point and the fourth leg pivots about the fourth attachment point to allow the third leg to swing toward and away from the fourth leg and to allow the fourth leg to swing toward and away from the third leg, wherein the cross-member further comprises a central portion, and wherein the third and fourth attachment points rotate relative to the central portion to allow the third leg to swing toward and away from the first leg and to allow the fourth leg to swing toward and away from the second leg; and

a tow constraint linked to the cross-member.

13. The watersport tower of claim 12, further comprising:

an upper mounting base at the boat attachment point of each leg;

a heim joint interconnecting each mounting base to the boat attachment point of each leg;

a first pad abutting the upper mounting base opposite the heim joint;

a lower mounting base linked to the upper mounting base by a fastener; and

a second pad abutting the lower mounting base.

14. The watersport tower of claim 12, wherein each leg and the cross-member are aluminum.

15. The watersport tower of claim 12, wherein each leg is curved in multiple planes.

16. A watersport tower, comprising:
 - a plurality of coupled legs, each leg providing a boat attachment point;
 - a tow constraint coupled to the plurality of legs;
 - a first set of mounting bases, each mounting base being coupled to one of the boat attachment points and each mounting base including at least one mounting hole; and
 - a first set of pads, each pad abutting a mounting base of the first set and including at least one mounting hole in registry with the at least one mounting hole of the mounting base from the first set, each pad including a recessed portion surrounding the at least one mounting hole on a side of the pad opposite the mounting base of the first set.
17. The watersport tower of claim 16, further comprising:
 - a second set of mounting bases, each mounting base including at least one mounting hole in registry with the at least one mounting hole of the mounting base from the first set and each mounting base of the second set being coupled to one mounting base of the first set via a fastener passing through the mounting hole of the mounting bases of the first set and second set; and
 - a second set of pads, each pad of the second set abutting a mounting base of the second set and including at least one mounting hole in registry with the at least one mounting hole of the mounting base from the second set, each pad of the second set including a recessed portion surrounding the at least one mounting hole on a side of the pad opposite the mounting base of the second set.
18. The watersport tower of claim 16, each leg is coupled to one of the boat attachment points by a heim joint.

19. A watersport tower, comprising:

- a plurality of coupled legs including front and rear legs for left and right sides, each leg providing a boat attachment point;
- a tow constraint coupled to the plurality of legs;
- swivel members connected to the boat attachment point of each leg and including a bolt hole;

- mounting bases of a first set, each including a bolt hole and each abutting a swivel member with the bolt hole of the mounting base in registry with the bolt hole of the swivel member; and

- a bolt passing through the bolt hole of each mounting base and the bolt hole of each swivel member to provide an axis of rotation of the mounting base relative to the swivel member such that the mounting base rotates relative to the leg until the bolt is tightened to fix the mounting base against the swivel.

20. The watersport tower of claim 19, wherein each swivel portion is coupled to the boat attachment point by a heim joint that is fixed to the boat attachment point.

21. The watersport tower of claim 19, further comprising:

- a first set of pads, each pad abutting a mounting base of the first set and including at least one mounting hole in registry with the at least one mounting hole of the mounting base from the first set, each pad including a recessed portion surrounding the at least one mounting hole on a side of the pad opposite the mounting base of the first set;

- a second set of mounting bases, each mounting base including at least one mounting hole in registry with the at least one mounting hole of the mounting base from the first set and each mounting base of the second set being coupled to one mounting base of the first set via a fastener passing through the mounting hole of the mounting bases of the first set and second set; and

- a second set of pads, each pad of the second set abutting a mounting base of the second set and including at least one mounting hole in registry with the at least one mounting hole of the mounting base from the second set, each pad of the second set

including a recessed portion surrounding the at least one mounting hole on a side of the pad opposite the mounting base of the second set.

22. A method of folding a wakeboard tower that has two front legs and two rear legs and that is mounted to a boat, comprising:

rotating the wakeboard tower about a point of attachment of the two rear legs to the boat until the wakeboard tower comes to rest in a reclined position; and

after rotating the wakeboard, rotating the two front legs inward until one front leg crosses-over the other front leg and comes to rest.

23. A method of folding a wakeboard tower that has two front legs and two rear legs and that is mounted to a boat, comprising:

rotating the wakeboard tower about a point of attachment of the two rear legs to the boat until the wakeboard tower comes to rest in a reclined position;

after rotating the wakeboard, rotating the two front legs inward and stopping prior to the front legs coming to rest; and

after rotating the two front legs inward, rotating the two front legs downward until the two front legs come to rest.

24. A method of packaging components of a watersport tower comprising a cross-member with a tow lug and a plurality of curved legs, the method comprising:

positioning the plurality of curved legs side by side such that the curvature of the plurality of curved legs is substantially concentric and so that an innermost curved leg defines a central empty region, the plurality of curved legs defining a first plane; and

positioning the plurality of curved legs in a stacked configuration with the cross-member such that the tow lug of the cross-member extends into the central empty region, the cross-member defining a second plane that is adjacent the first plane.